

**Supplementary Table 1S.** Clinical outcomes in infants requiring MV <72 h of life (LISA failure) versus those who did not require MV (LISA success)

	<b>LISA failure</b> (n=114)	<b>LISA success</b> (n=385)	<b><i>P</i></b>
Duration of non-invasive ventilation; days	6 (2 - 23)	7 (4 - 21)	0.075
BPD	44 (39%)	114 (30%)	0.089
BPD moderate/severe	18 (16%)	55 (14%)	ns
IVH	40 (35%)	54 (14%)	<0.001
IVH grade 3 or 4	13 (11%)	7 (2%)	<0.001
In-hospital mortality	20 (17%)	3 (1%)	<0.001

BPD = bronchopulmonary dysplasia, IVH = intraventricular hemorrhage.